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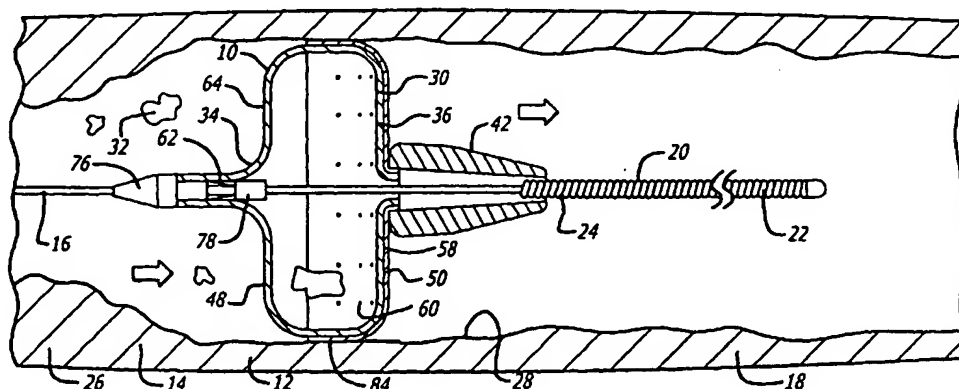
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09/896,142 **29 June 2001 (29.06.2001)** **US**
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(54) Title: **EMBOLIC PROTECTION SYSTEMS**



(57) Abstract: A system for enabling the insertion and removal of an embolic protection device, for capturing and retaining embolic debris which may be created during the performance of a therapeutic interventional procedure in a stenosed or occluded region of a blood vessel. The system, in an embodiment thereof, enables the device to be snap-fitted so as to engage the distal end of a guide wire, to be pre-formed for expansion thereof so as to seal off the inner surface of a blood vessel, to inhibit the forming of a gap therein, for inhibiting embolic material from passing therethrough, and to be foreshortened to enable insertion thereof through confined spaces. The system, in another embodiment thereof, enables expandable material to be formed into an 10 expandable configuration of an embolic protection device for capturing embolic material, which is capable of sealing off the inner surface of the blood vessel.

WO 03/002028 A3

PCT/US 02/17802

Form PCT/ISA/210 (second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/17802

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 01 49215 A (ADVANCED CARDIOVASCULAR SYSTEM) 12 July 2001 (2001-07-12) figure ALL page 18, line 2 - line 10 page 19, line 3 -page 44, line 2	27, 29, 30, 32
A	---	1
X	WO 96 01591 A (MICROVENA CORP) 25 January 1996 (1996-01-25) page 29, line 5 -page 32, line 18	27, 29, 30, 32
A	figure 10C page 24, line 19 -page 29, line 4	1, 33, 40
A	---	
A	US 6 048 484 A (HOUSE WAYNE D ET AL) 11 April 2000 (2000-04-11) figures 1, 2 column 3, line 16 -column 4, line 6	33, 40
A	---	
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 02/17802

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 39
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-32

A system comprising a guidewire and a filter device

2. Claims: 33-38,40

A system to preform an expandable material and method

The present application lacks unity within the meaning of Rule 13 of the P.C.T for the following reasons:

The document W0067670 cited in our search report discloses a system comprising a guidewire and a filter device.

Beyond this prior art, the special technical features (in the meaning of Rule 13.2 of the P.C.T) left in the independant claims 1, 27, 30, 33 of the application are:

In independant claims 1, 27, 30: none.

In independant claims 33, 40: a system to preform an expandable material and method.

No same or correspondent special technical feature can be found between claims 1, 27, 30 and claims 33, 40.

There is therefore no technical relationship involving same or corresponding special technical features between claims 1, 27, 30 and claims 33,40.

The inventions defined in the above-mentioned claims are not linked by a common inventive concept.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/17802

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